

APR 25 2006

FORM PTO-1390 (REV 10-2003)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		DATE: APR 25 2006	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 USC § 371				ATTORNEY DOCKET NUMBER 59017US005	
				U.S. APPLICATION NO. (if known, see 37 CFR § 1.53) <b>10/577185</b>	
INTERNATIONAL APPLICATION NO. PCT/US2004/033983		INTERNATIONAL FILING DATE 13/10/2004		PRIORITY DATE CLAIMED 28/10/2003	
TITLE OF INVENTION LIQUID TRANSPORT FILM					
APPLICANT(S) FOR DO/EO/US Naoyuki TORIUMI, Ayumi KOORIYAMA, Toshihiro SUWA, Jiro HATTORI					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 USC § 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 USC § 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 USC § 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 USC § 371(c)(2)).</p> <p>    a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</p> <p>    b. <input type="checkbox"/> has been communicated by the International Bureau.</p> <p>    c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 USC § 371(c)(2)).</p> <p>    a. <input type="checkbox"/> is attached hereto</p> <p>    b. <input type="checkbox"/> has been previously submitted under 35 USC § 154(d)(4)</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 USC § 371(c)(3))</p> <p>    a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p>    b. <input type="checkbox"/> have been communicated by the International Bureau</p> <p>    c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired</p> <p>    d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 USC § 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 USC § 371 (c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 USC §§ 371(c)(5)).</p>					
Items 11 to 20 below concern document(s) or information included:					
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR §§ 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR § 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR §§ 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 USC § 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 USC § 154(d)(4).</p> <p>20. <input type="checkbox"/> Other items or information:</p>					

**Filing of Papers and Fees by Express Mailing**

Pursuant to 37 CFR § 1.10, this application and the documents and fees listed on this transmittal letter are being deposited on the date indicated below with the United States Postal Service "Express Mail Post Office to Addressee" service addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Date of Deposit <b>APR 25 2006</b>	Express Mail Label No. EV 701776126 US  <b>EV701776126US</b>
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☒ Customer Number for  
Correspondence Address:

**32692**

10/577105

U.S. APPLN. NO. (if known, see 37 CFR § 1.5):		INTERNATIONAL APPLN. NO.: PCT/US2004/033983		ATTORNEY'S DOCKET NO.: 59017US005	
The following fees are submitted:				Calculations	PTO Use Only
21.	<input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))			\$300	
22.	<input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))			0	
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)				\$0	
All other situations				\$200	
23.	<input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))			0	
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)				\$0	
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority				\$100	
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB				\$400	
All other situations				\$500	
<b>TOTAL OF 21, 22 and 23=</b>				<b>\$0.00</b>	<b>\$300.00</b>
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium) The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
<b>SHEET CALCULATION</b>		<b>NUMBER FILED</b>	<b>EXTRA</b>	<b>RATE</b>	<b>Fees</b>
Size Fee for each add'l 50 sheets of appln. over 100		16	-100	0	\$250.00
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR § 1.492(e)).				\$0.00	
<b>CLAIMS</b>		<b>NUMBER FILED</b>	<b>EXTRA</b>	<b>RATE</b>	<b>Fees</b>
Total claims		6	- 20 =	0	x \$50.00
Independent claims		1	- 3 =	0	x \$200.00
Add'l fee for one or more multiple dependent claims				\$360.00	\$0.00
<b>Total Amount Due</b>				<b>\$0.00</b>	<b>\$300.00</b>
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR § 1.27. The fees indicated above are reduced by 1/2.				\$0.00	
<b>SUBTOTAL =</b>				<b>\$0.00</b>	<b>\$300.00</b>
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR § 1.492(f)).				\$0.00	
<p>a. <input type="checkbox"/> A check in the amount of \$_____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>13-3723</u> in the amount of <u>\$300.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>13-3723</u>. A duplicate copy of this sheet is enclosed.</p> <p><b>NOTE: Where an appropriate time limit under 37 CFR § 1.495 has not been met, a petition to revive (37 CFR § 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p>					
Signature <i>Lance Vietzke</i>					
Name: LANCE L. VIETZKE				Registration Number: 36,708	
Address: Office of Intellectual Property Counsel 3M Innovative Properties Company P.O. Box 33427 St. Paul, Minnesota 55133-3427					